FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office	Attorney Docket Number 8194-416	Serial No. 09/686,304
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FOREIGN PATENT DOCUMENTS

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⟋	1	WO 99/39472	8/5/99	PCT			
⟋	2	WO 99/45660	9/10/99	PCT			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

⟋	3	Annex to Form PCT/ISA/206, Communication Relating to the Results of the Partial International Search, PCT/US01/26218, May 31, 2002

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U. S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
ᴨ /ᵍⁱ	1	6,215,762	04/10/01	Dent	370	208	
/ⁱ	2	5,944,774	08/31/99	Dent	708	517	
ⁱⁱ	3	5,931,893	08/03/99	Dent et al.	708	422	
ⁱⁱ	4	5,862,173	01/19/99	Dent	375	206	
ⁱⁱ	5	5,831,977	11/03/98	Dent	370	335	
ⁱⁱ	6	5,572,552	11/05/96	Dent et al.	375	343	
ⁱⁱ	7	5,377,183	12/27/94	Dent	370	18	
ⁱⁱ	8	5,305,349	04/19/94	Dent	375	1	
ⁱⁱ	9	5,239,557	08/24/93	Dent	375	1	
ⁱⁱ	10	5,218,619	06/08/93	Dent	375	1	
ⁱⁱ	11	5,151,919	09/29/92	Dent	375	1	
ⁱⁱ	12	5,048,059	09/10/91	Dent	375	94	

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FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes | No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

ᴨ ⁶	13	Robertson, et al., "Bandwidth-Efficient Turbo Trellis-Coded Modulation Using Punctured Component Codes," IEEE Journal on Selected Areas In Communications, Volume 16, No. 2, 1998, pp. 206-218
/ⁱ	14	Franz et al., "Concatenated Decoding with a Reduced-Search BCJR Algorithm," IEEE Journal on Selected Areas In Communications, Volume 16, No. 2, 1998, pp. 186-195
/ⁱ	15	Riedel, Sven, "Symbol-by-Symbol MAP Decoding Algorithm for High-Rate Convolutional Codes that Use Reciprocal Dual Codes," IEEE Journal on Selected Areas In Communications, Volume 16, No. 2, 1998, pp. 175-185

EXAMINER _____   DATE CONSIDERED 3/5/8ᵠ

EXAMINER   Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Technology Center 2600

Applicants: Paul W. Dent

Filing Date: October 11, 2000 — Group 2631

	No.	Citation
	16	Benedetto et al., "Guest Editorial Concatenated Coding Techniques and Iterative Decoding: Sailing Toward Channel Capacity," IEEE Journal on Selected Areas In Communications, Volume 16, No. 2, 1998, pp. 137-139
	17	Frey et al., "Early Detection and Trellis Splicing: Reduced-Complexity Iterative Decoding," IEEE Journal on Selected Areas In Communications, Volume 16, No. 2, 1998, pp. 153-159
	18	Komulainen et al., "Performance Evaluation of Superorthogonal Turbo Codes in AWGN and Flat Rayleigh Fading Channels," IEEE Journal on Selected Areas In Communications, Volume 16, No. 2, 1998, pp. 196-205
	19	Balachandran et al., "Mismatched Decoding of Intersymbol Interference Using a Parellel Concatenated Scheme," IEEE Journal on Selected Areas In Communications, Volume 16, No. 2, 1998, pp. 255-259
	20	Viterbi, Andrew, "An Intuitive Justification and a Simplified Implementation of the MAP Decoder for Convoluation Codes," IEEE Journal on Selected Areas In Communications, Volume 16, No. 2, 1998, pp. 260-264
	21	Lucas et al., "On Iterative Soft-Decision Decoding of Linear Binary Block Codes and Product Codes," IEEE Journal on Selected Areas In Communications, Volume 16, No. 2, 1998, pp. 276-296
	22	Kschischang, Frank R., "Iterative Decoding of Compound Codes by Probability Propagation in Graphical Models," IEEE Journal on Selected Areas In Communications, Volume 16, No. 2, 1998, pp. 219-230
	23	Benedetto et al., "Analysis, Design, and Iterative Decoding of Double Serially Concatenated Codes with Interleavers," IEEE Journal on Selected Areas In Communications, Volume 16, No. 2, 1998, pp. 231-244
	24	Battail, Gerard, "A Conceptual Framework for Understanding Turbo Codes," IEEE Journal on Selected Areas In Communications, Volume 16, No. 2, 1998, pp. 245-254
	25	McEliece, et al., "Turbo Decoding as an Instance of Pearl's "Belief Propagation" Algorithm", IEEE Journal on Selected Areas In Communications, Volume 16, No. 2, 1998, pp. 140-152
	26	Hall et al., "Design and Analysis of Turbo Codes on Rayleigh Fading Channels," IEEE Journal on Selected Areas In Communications, Volume 16, No. 2, 1998, pp. 160-174
	27	Anderson et al., "Tailbiting MAP Decoders," IEEE Journal on Selected Areas In Communications, Volume 16, No. 2, 1998, pp. 297-302
	28	Herzberg, Hanan, "Multilevel Turbo Coding with Short Interleavers," IEEE Journal on Selected Areas In Communications, Volume 16, No. 2, 1998, pp. 303-309
	29	Marsland et al., "Multiple Differential Detection of Parallel Concatenated Convolutional (Turbo) Codes in Correlated Fast Rayleigh Fading," IEEE Journal on Selected Areas In Communications, Volume 16, No. 2, 1998, pp. 265-275

EXAMINER _____ DATE CONSIDERED

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